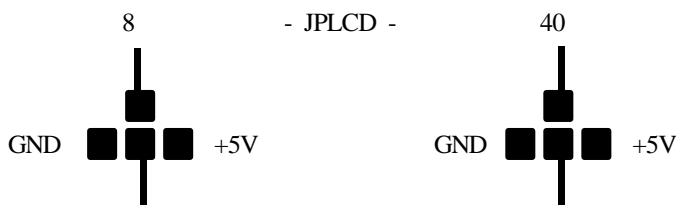


Display type: NEC NL6448AC20-06
 Inverter type: NEC 15327A-CFL-INV
 Cable type no.: 72591000
 System: 486-586LCD with FPUM-1
 Display driver: SHA LQ 10D021
 Status: Verified

| Display (31-pole conn.) | | JPLCD connector | | Remarks |
|-------------------------|-----------|-----------------|----------|------------------|
| Pin no. | Function | Pin | Function | |
| 1 | GND | * | GND | |
| 2 | CLK | 13 | SHFCLK | Dot clock |
| 3 | Hsync | 10 | LP | |
| 4 | Vsync | 11 | FLM | |
| 5 | GND | * | GND | |
| 6 | R0 | * | GND | not in use |
| 7 | R1 | 31 | P11 | |
| 8 | R2 | 33 | P12 | |
| 9 | R3 | 34 | P13 | |
| 10 | R4 | 36 | P14 | |
| 11 | R5 | 37 | P15 | |
| 12 | GND | * | GND | |
| 13 | G0 | 22 | P5 | |
| 14 | G1 | 24 | P6 | |
| 15 | G2 | 25 | P7 | |
| 16 | G3 | 27 | P8 | |
| 17 | G4 | 28 | P9 | |
| 18 | G5 | 30 | P10 | |
| 19 | GND | * | GND | |
| 20 | B0 | * | GND | not in use |
| 21 | B1 | 15 | P0 | |
| 22 | B2 | 16 | P1 | |
| 23 | B3 | 18 | P2 | |
| 24 | B4 | 19 | P3 | |
| 25 | B5 | 21 | P4 | |
| 26 | GND | * | GND | |
| 27 | DE | 7 | M | |
| 28 | VCC | 1 | VCC | |
| 29 | VCC | 2 | VCC | |
| 30 | Control 1 | 8 | GPO1 | See layout below |
| 31 | Control 2 | 40 | VEE | See layout below |

* = pin 6, 9, 12, 14, 17, 20, 23, 26, 29, 32, 35 & 38.



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| Display (6-pole conn.) | | Cable | JPLCD connector | | Remarks |
|------------------------|----------|----------|-----------------|----------|--------------------------------|
| Pin no. | Function | Wire no. | Pin | Function | |
| 1 | GNDB | 1 | 38 | GND | |
| 2 | GNDB | 2 | 38 | GND | |
| 3 | VDD | 3 | 40 | VEE | +12V |
| 4 | VDD | 4 | 40 | VEE | +12V |
| 5 | BRTL | 5 | - | - | Cable wire 5 and 6 are shorted |
| 6 | BRTH | 6 | - | - | Cable wire 5 and 6 are shorted |